

ABSTRACT OF THE DISCLOSURE5

cDNA molecules coding for GAD₆₅ polypeptide. The invention provides cDNA molecules comprising a part of the cDNA sequence of GAD₆₅ which encode at least one epitope for autoantibodies to GAD₆₅. The invention also provides cloning vehicles capable of replication and expression comprising cDNA molecules coding for GAD₆₅. The invention further provides for hosts transformed with a vehicle having a cDNA molecule coding for GAD₆₅. In another embodiment, the invention provides for the detection of autoantibodies to GAD₆₅ using the GAD₆₅ polypeptides coded for by the cDNA molecules of the invention.